

20010624.qrp v02_n230.qrl.20010624

Date: Sun, 24 Jun 2001 19:03:03 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2230

QRP-L Digest 2230

Topics covered in this issue include:

- 1) [100784] Atomic clocks for sale
by Goemans <jgoemans@facstaff.wisc.edu>
- 2) [100785] Ic706 tuner control 4 sale
by Goemans <jgoemans@facstaff.wisc.edu>
- 3) [100786] FS: VR-500; IC-W32A
by "Ed Manuel (N5EM)" <n5em@flash.net>
- 4) [100787] What wrong with my Sierra???
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
- 5) [100788] Solid State Design
by "Pete Milsom" <pete.milsom@virgin.net>
- 6) [100789] FS: ARRL Handbooks
by KB7WW Art Moe <kb7ww@uswest.net>
- 7) [100790] FD on the Maine AT
by "Steven Weber" <kd1jv@moose.ncia.net>
- 8) [100791] Re: [FT817] Need West Virginia?
by Richard Clemens <clemens@wvwc.edu>
- 9) [100792] Re: [FT817] Need West Virginia?
by Richard Clemens <clemens@wvwc.edu>
- 10) [100793] duh! Code practice on whose? frequency!!!!
by Euramcom <mel@euramcom.freemove.co.uk>
- 11) [100794] FD 2001 de AB0GO (kinda long)
by "David Ek" <ekdave@earthlink.net>
- 12) [100795] My QRP Year in Review...
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
- 13) [100796] Fw: Solid State Design
by "Pete Milsom" <pete.milsom@virgin.net>
- 14) [100797] Odd interference on 40 mtrs. during FD
by Thomas Kuehl <ac7a@gci-net.com>
- 15) [100798] Finished Norcal 20
by K5BDZ@aol.com
- 16) [100799] dual-band "gusher" dipole
by Stephan Greene <sgreene@patriot.net>

Date: Sat, 23 Jun 2001 21:27:36 -0500

From: Goemans <jgoemans@facstaff.wisc.edu>

To: qrp-l@lehigh.edu
Subject: [100784] Atomic clocks for sale
Message-ID: <3.0.2.32.20010623212736.006b8750@facstaff.wisc.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello all,

I have a couple of "Synctime by Arcron" Atomic travel alarm clocks for sale. They can be set to UTC or any US time zone, two-line display which includes date and day of week, can be set to 12 or 24 hour format. These were the popular on QRP-L several years ago. Mine sync daily in my basement shack here in south-central WI. Size is about 2 x 2 x 5/8, the rod antenna folds out of the back and forms a "stand" for the clock. \$25 each shipped in conUS.

72, Paul

Paul Goemans WA9PWP
1508 Sundt Lane
Stoughton, Wi 53589

wa9pwp@arrl.net

Date: Sat, 23 Jun 2001 21:40:06 -0500
From: Goemans <jgoemans@facstaff.wisc.edu>
To: qrp-l@lehigh.edu
Subject: [100785] Ic706 tuner control 4 sale
Message-ID: <3.0.2.32.20010623214006.006b45f4@facstaff.wisc.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi again,

Forgot, I also have an Icom IC706 "tuner control" for sale. It enables the Ic706 /II to send a low-level RF carrier (for tuning or SWR checking) by just pushing the "tune" button on the rig. It plugs into the autotuner connector on the back of the Icom. See www.qth.com/BetterRF/ for more info. Works great, I now have an LDG RT-11 so don't need it.. \$25 shipped in conUS.

72, Paul

Paul Goemans WA9PWP
1508 Sundt Lane
Stoughton, Wi 53589

wa9pwp@arrl.net

Date: Sun, 24 Jun 2001 00:08:36 -0500
From: "Ed Manuel (N5EM)" <n5em@flash.net>
To: hqrp@stevens.com
Cc: qrp-l@lehigh.edu, hats@stevens.com
Subject: [100786] FS: VR-500; IC-W32A
Message-ID: <4.3.2.7.2.20010624000152.00b45990@pop.flash.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang,

Yep. Both are QRP rigs so its sorta on-topic.

1. Yaesu VR-500 scanner. Up to 1300 mhz. all the normal stuff plus SSB/CW receive. Includes the rig, manual, box and all that came with it, soft case and the ADMS-3 programming software and cable for your PC. On-sale today new for about \$325. Yours for \$275 plus shipping if out of Houston.

2. Icom IC-W32A VHF/UHF dual band FM handheld. Full duplex and is perfect for working UO-14 and AO-27 QRP. Includes rig, manual, box, accessories that came with it and the Icom Programming software and cable for your PC. Lists for around \$300. Yours for \$275 plus shipping if out of Houston.

You can find full specifications and details of these rigs on-line as they are in current production. I have made no mods to either of them. The VR-500 is cellular blocked.

Payment by cash or check if local, money order or Paypal if out of town.

Got to raise some cash for a new venture.

Ed Manuel, N5EM
n5em@amsat.org

Date: Sun, 24 Jun 2001 02:07:34 -0400 (EDT)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [100787] What wrong with my Sierra???
Message-ID: <Pine.LNX.4.30.0106240204020.7682-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Antenna & stuff thrown together for FD. Never tested, but they are working GREAT.

Ol' reliable Sierra, power maybe a bit low in the past but that was OK. All of a sudden, ol' Reliable Sierra decides that 20m isn't going to work at all (no rx, no tx) and 15 isn't going to put any power out into even a dummy load.

What's really cruel about the 15 failure is that the rx was working perfectly, and I could hear the throngs of people I couldn't talk to.

Any idea of where to look? Have inspected the 20m module and no obvious problems (broken wires on board & toroids, cold solder joints, etc.)

Very frustrating. Also hearing lots of east coast on 40 & 80 but it's time for bed.

--

Scott Rosenfeld ARS N7JI
541-684-9970 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

Date: Sun, 24 Jun 2001 16:08:29 +0100
From: "Pete Milsom" <pete.milsom@virgin.net>
To: "low power usa" <qrp-1@lehigh.edu>
Subject: [100788] Solid State Design
Message-ID: <000201c0fcc0\$c7347c80\$1165fc3e@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Hi All

Have a copy of this book surplus to requirements. Average used condition. 7 including postage to anywhere in the UK

73 de Pete G4GSA

Date: Sun, 24 Jun 2001 10:42:33 -0700
From: KB7WW Art Moe <kb7ww@uswest.net>

To: qrp <qrp-1@lehigh.edu>, FS <forsale-swap@listserver.qth.net>, GB
<glowbugs@piobaire.mines.uidaho.edu>
Subject: [100789] FS: ARRL Handbooks
Message-ID: <3B362689.CDB26F3B@uswest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have 5 ARRL hand books for sale.

PRICE INCLUDES SHIPPING.

1963 very good to excellent, not dog-eared, spine not broken,	\$13.50
1967 very good to excellent, not dog-eared, spine not broken,	\$13.50
1969 very good to excellent, not dog-eared, spine not broken,	\$13.50
1970 very good to excellent, not dog-eared, spine not broken,	\$13.50
1983 good, small dodger, spine not broken,	\$11.50

All five for \$ 55.00 shipped to your door.

Thanks

Art
KB7WW

Date: Sun, 24 Jun 2001 13:31:50 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-1@lehigh.edu
Subject: [100790] FD on the Maine AT
Message-ID: <200106241803.f50I3P018644@wolf.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Pretty quiet on the list over night. Everyone must still be winding down from field day.

I've been making a point of going out for an overnight hike every weekend, and this weekend I went to a place called "Sabbath Day Pond Shelter" on the AT in Maine. Nice place, not too bad a hike in, though they have to throw in a couple of steep climbs and decents

along the way -- after all, it is the Maine AT:-) It was a misty hike in, but thankfully, the serious rain held off until after I got there and got the antenna in the tree. Then it poured, bucket loads! Glad I set up in the shelter and not in a tent. Brought a 20M rig with me this time and made 6 or so contacts. Just enough to make it worth while and prove this is a reasonably decent radio location. There was a south bound through hiker also at the shelter and didn't want to keep him up all night while I played radio, so shut down a little after dark. He was a little disappointed I couldn't get NPR and Parrie Home Companion on my rig<g>

I turned the radio back on in the morning, but couldn't get into it, so packed up and waited for the morning showers to taper off before stumbling back down the trail to the road.

72,

Steve, KD1JV in the White Mountains of New Hampshire

"Melt Solder"

<http://www.qsl.net/kd1jv/index.html>

Date: Tue, 28 Aug 1956 02:19:43 -0400
From: Richard Clemens <clemens@wvwc.edu>
To: <FT817@yahoogroups.com>, <qrp-1@lehigh.edu>
Subject: [100791] Re: [FT817] Need West Virginia?
Message-ID: <630C2209.A1F%clemens@wvwc.edu>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

I will be on 21.375 for anyone needing WV

KB8A0B

Date: Sun, 24 Jun 2001 14:18:55 -0400
From: Richard Clemens <clemens@wvwc.edu>
To: <FT817@yahoogroups.com>, <qrp-1@lehigh.edu>
Subject: [100792] Re: [FT817] Need West Virginia?
Message-ID: <B75BA74E.A74%clemens@wvwc.edu>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

> I will be on 21.375 for anyone needing WV
>
> KB8A0B

Date: Sun, 24 Jun 2001 21:14:18 +0100
From: Euramcom <mel@euramcom.freeseerve.co.uk>
To: <qrp-l@lehigh.edu>
Subject: [100793] duh! Code practice on whose? frequency!!!!
Message-ID: <E15EGNf-0005PL-00.2001-06-24-21-21-16@cmailg1.svr.pol.co.uk>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Caught this thread coming on the 'puter after our weekend=
camping.

two comments. Whose? frequency?? Don't recall any qrp people=
owning
one!, or anyone else for that matter., except perhaps HCJB if you=
believe (no offence to those who do!)

and -----

if'n you's a gonna try to close down qrp-l using some "Federal"=
law ,
I might just take that to the European Court of Human Rights in=
the
Hague.

No jurisdiction in the world, (not even MacDonalds GRIN) can=
really
close down anything on the web any more, it just starts up again=
somewhere else.

Regards

Mel

--72 and 73 de Mel Evans, e-mail mel@euramcom.freeseerve.co.uk

Mel Evans GM6JAG Edinburgh Scotland

Home of the last HW9

Visit <http://www.euramcom.freemove.co.uk> for
US Euro Ham Radio Equivalent Parts and info,
Add-a-Link page let's you add your own pages instantly

Date: Sun, 24 Jun 2001 14:21:10 -0600
From: "David Ek" <ekdave@earthlink.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [100794] FD 2001 de AB0G0 (kinda long)
Message-ID: <001101c0fceb\$36b639c0\$0100a8c0@oldman>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hey Gang,

Well, I just got home from another fun and successful FD excursion up Mt. Herman just north of Colorado Springs. Steve N0MHQ and I reached the top about 10:15 yesterday morning and had plenty of time to make camp and string antennas for this year's event. This year I used a TV twinlead-fed dipole with 44 foot legs (LB Cebik suggests this configuration as a good backup wire antenna for 80-20m on his web site, so I thought I'd give it a whirl). I built the antenna a couple days earlier, using the NJQRP Squirt as a model (very nice, by the way). With a little work I was able to get the center of the antenna up to about 40 feet in a handy tree, and this year I decided to try to elevate the ends of the dipole legs instead of using an inverted vee configuration. This meant a bit more stringing, but I think it was worth it because the antenna was a good performer.

Setup was my Wilderness Sierra with band modules for 80, 40, 20, 15, and 10, along with my ZM-2 tuner. I brought along my Palm computer for logging and also my CW sending circuit so that the Palm could handle the CW during the contest (er, event). We got on the air right about starting time and I started on 10m. I was a little disappointed with the activity on 10, so after a bit I started on 15. We took a couple of breaks in the afternoon because of some threatening storms with lightning (at one point I felt like I was getting static electricity shocks from my feedline where it attached to the tuner--that was a bit unnerving!). After supper (Steve brought some smoked salmon he brought back with him from Alaska just a few days earlier) I switched over to 40m and found some serious action! I spent the rest of the evening working contacts on 40m, and easily tripled my score from the afternoon.

We knocked off about 11 PM or so for shuteye, and picked up again at about 8 AM. I jumped on 20m right away. The band didn't seem terribly hot but I wasn't having any trouble working folks. Steve was working exclusively 20m with his NC-20 and my 20m inverted Y antenna (of which he spoke very favorably) so I tried to stay out of his way as much as I could. I worked a number of 20m contacts and then switched back to 15 to wrap things up. I reached about 175 contacts around 11 AM and called it quits. An hour later, everything was packed up and we headed back down the mountain.

I don't have the real tallies yet, but I had 175 contacts in 9 or ten hours of operating in S&P mode off small gelcel and NiCd packs. Heard lots of A and D class stations, quite a few B's, and several E stations. Worked plenty of C0 stations but didn't catch W0CQC (Steve did, though). I never did get over to 80m despite having a brand-new 80m module for my Sierra. Heard a few standards (N9AW, N4BP, W1AW).

What a great time! Hope all your FD outings were as much fun as this one was!

73 de Dave AB0G0
1B C0

Date: Sun, 24 Jun 2001 15:22:16 -0500
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [100795] My QRP Year in Review...
Message-ID: <200106242022.AA00453@bolshoi.cc.misu.nodak.edu>
Content-Type: text/plain
Mime-Version: 1.0 (NeXT Mail 4.2mach_patches v148.2)

Well folks, on 6/25/00, I started my adventure into the wonderful world of QRPP. Field Day weekend, and I wanted to finally put the Harris RF-131 exciter I had on the air. Had played with it for a couple months beforehand, getting it sorted out, but had never made a contact with it. I was somewhat from the "old school", and had serious doubts that one could *ever* fire up a 2-300 mW rig into a makeshift antenna and actually make enough noise to be heard more than a few miles.

Since I wasn't operating FD, I fired up on 12m, of all places, and tuned around for someone calling CQ. Found N1KW, and fired off a reply. In total disbelief, he called me back, and though I was only about 229 at his end, I'd made my first QRPP contact. :-)

It's been a year since then, and I've made more than a few contacts QRPp. Battled 0.500 in last years 20m foxhunt, after getting a late start. That was quite a help in gaining confidence with my setup, along with learning what it took to make milliwatting work for me. Even managed to work a few on 40m, with a much less than optimal antenna. Did the CW Sweepstakes for the first time in my life, and managed to work just about everyone I tried, including WP2Z in the US Virgin Islands, which worked out to more than 10,000 mi./watt.

From there came the adventure in building homebrew amplifiers to get better results on 40m for the winter foxhunts. After a couple iterations of building/testing, I could get a clean 2W signal that carried as far as TX. Then came the call of QRP phone, and I built up and modified a version of the Minoboost amp to work as a class AB linear. Had also put up a version of the infamous fishpole vertical, and with this combination worked both coasts with about 7W PEP out. Made QRPp CW contacts on every band from 40 to 10m.

But, as the demise of my old Collins TX on 20m pushed me into the world of QRPp, so *this* FD weekend provides the impetus for further adventures. I am saddened to report that my much loved RF-131 packed it in yesterday, just before I was going to play FD. Had left the station on and hooked up while I stepped out to run an errand. A shower passed over, and static was in the air, though no visible or audible thunder/lightning. Unfortunately, the static buildup on the antenna was sufficient to toast the finals in the RF-131. Popping the hood reveals *no* discrete devices on the output module board. Everything sealed in tidy hermetic cans, about the size of an FT-243 crystal. Anyhow, I'm attempting to locate another output module to put it back in service, but odds are that I'll not be resurrecting it soon.

So, the muse slaps me upside the head, and I have to find another way to get on the air. Had partly built a 40m TX, which I'll be dusting off and re-engineering into a 20m rig so I can play in the summer foxhunts again. Should have that up and running in a day or two. Had also been playing with a DSP board, which is now doubtless going to get pressed into service as the audio and modulator stages for a 20m SSB/CW TX. All of which will be seriously cool, but stuff that didn't merit setting aside time to work with it. It seems the muse doesn't like that, so it tends to put a boot to one's arse after awhile, and so doth the world progress... :-)

72/73,

Todd, AG0T
QRP-L # 2211
ARCI # 10795

Date: Sun, 24 Jun 2001 21:36:55 +0100

From: "Pete Milsom" <pete.milsom@virgin.net>
To: "low power usa" <qrp-1@lehigh.edu>
Subject: [100796] Fw: Solid State Design
Message-ID: <001c01c0fced\$7a11a7c0\$bd25fc3e@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Pete Milsom <pete.milsom@virgin.net>
To: low power usa <qrp-1@lehigh.edu>
Date: 24 June 2001 16:08
Subject: Solid State Design

>Hi All

> Have a copy of this book surplus to requirements. Average used
>condition. 7 UK pounds, including postage to anywhere in the UK
>
> 73 de Pete G4GSA
>

Date: Sun, 24 Jun 2001 14:03:44 -0700
From: Thomas Kuehl <ac7a@gci-net.com>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [100797] Odd intference on 40 mtrs. during FD
Message-ID: <3B3655B0.B4BFDCC3@gci-net.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Howdy,

Due to my concern about the weather the last few days here in southern Arizona, I decided to operate Field Day from the safety of my home; 1E with QRP. We had 3 days of violent Monsoon-type weather prior to Saturday. It not something you want to be outside and exposed to during its wrath. The lighting and sideways rain can be intimidating and dangerous.

Anyway, while operating on 40 meters this morning, I observed a very strong and noisy interference. It was a

wideband noise that had a rotation-like characteristic; kind of like the recorded sound of a pulsar. The noise extended above, below and in the band, spaced about every 90KHz. It bled all over the frequencies in between.

I hadn't ever heard this before and was wondering if I am the only one that heard it (maybe a new local, RFI source)?

Best regards, Thomas - AC7A (Tucson)

Date: Sun, 24 Jun 2001 17:08:14 EDT
From: K5BDZ@aol.com
To: qrp-l@lehigh.edu
Subject: [100798] Finished Norcal 20
Message-ID: <44.f54a883.2867b0be@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Well, I'm slow, but I just finished building and testing my Norcal 20 kit I received in trade a couple of months ago. Now I need to learn the keyer codes, etc.

I have done a couple of updates , including changing the RIT to cover + / - 2 kHz (down from +/- 4) with the 10 turn tuning pot.
Any good list of mods to think about (and save time reinventing the wheel?)

Love the little radio!
Bill K5BDZ

Date: Sun, 24 Jun 2001 17:55:39 -0400 (EDT)
From: Stephan Greene <sgreene@patriot.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [100799] dual-band "gusher" dipole
Message-ID: <Pine.LNX.4.10.10106241749570.954-100000@tzion.greene.lan>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I need to build and test some antennas for 40 and 20M to take to a boy scout camp with a K1. Coax-fed preferred for ease of use with the KAT-1 built-in tuner.

I've seen various references (but no plans) for a "fan" or duak-band "gusher". Is this nothing more than a fan dipole with two 1/4-wave legs for each band on the same center connector? I saw a 20M gusher at the NoVA QRP FD site - it looks simple enough and the K1 had no problem tuning it. The "gusher" (?) 20 ft PVC mast looked easy enough to duplicate as well.

Other suggestions for semi-fool-proof antennas for 40 and 20M welcome. I still need to find out the tree situation at the camp (Camp Yawgoog BSA, in Rhode Island). While I believe we'll have limited vehicle access to the site, small and carryable will still help.

72
Steve
KA1LM

Stephan A. Greene sgreene@patriot.net
HAM: KA1LM@amsat.org QRP-L #232 Grid FM18hx 38 59'83.33"N 77 23'6.15"W

End of QRP-L Digest 2230
